

Notice of Allowability

Application No.

09/580,588

Examiner

Kimbinh T. Nguyen

Applicant(s)

KAWAI, HISASHI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 06/28/06.
2. ☒ The allowed claim(s) is/are 26-34.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Scott Malpede on 9/5/06.

The application has been amended as follows:

Claim 32. (Currently Amended) A (storage) computer readable medium storing a program for executing a process of outputting an image of an object, picked up by a camera unit and stored together with information of direction of the camera unit, from an image reproducing apparatus to a display device, the program executing the processes of:

storing images of a plurality of objects, together with information of direction of the camera unit in a storage device, wherein the direction is determined on the basis of the position relation between the image reproducing apparatus and the camera unit, and includes a first direction and a second direction, and the object to be picked up in the first direction and the object to be picked up in the second direction are different from each other;

reproducing a plurality of images picked up by the camera unit in the storage device, to output the plurality of images to the display device; and

controlling reproduction so as to reproduce a group of images picked up by the camera unit, wherein directions of the group of images are the same as one of the first direction and the second direction, among the plurality of images stored in the storage device, in accordance with the information of direction of the camera unit.

Claim 33. (Currently Amended) A (storage) computer readable medium according to claim 32, further comprising a detecting process of detecting a direction of the camera and generating the information of direction of the camera.

Claim 34. (Currently Amended) A (storage) computer readable medium according to claim 32, wherein the information of direction of the camera, which is to be stored in the storage device together with the plurality of images, is information as to a direction where the camera is directed when the respective images to be stored in the storage device are picked up.

Reasons for Allowance

1. Claims 26-34 are allowed.

The following is an examiner's statement of reasons for allowance:

The prior art does not teach storing images of a plurality of objects, together with information of direction of the camera unit, wherein the direction is determined on the basis of the positional relation between the image reproducing apparatus and the camera unit, and includes a first direction and a second direction, and the object to be picked up in the first direction and the object to be picked up in the second direction are different from each other; a reproducing device to reproduce a plurality of images picked up by the camera unit on to output the plurality of images to the display device; and a

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reproducing control device to control reproduction by said reproducing device so as to reproduce a group of images picked up by the camera unit, wherein directions of the group of images are in the same as one of the first direction and the second direction, among the plurality of images stored in the storage device, in accordance with the information of direction of the camera unit.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kimbinh T. Nguyen whose telephone number is (571) 272-7644. The examiner can normally be reached on Monday to Thursday from 7:00 AM to 4:30 PM. The examiner can also be reached on alternate Friday from 7:00 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi can be reached at (571) 272-7664. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

September 7, 2006

A handwritten signature in black ink, appearing to read "Kimbinh T. Nguyen". The signature is fluid and cursive, with the first name "Kimbinh" and last name "Nguyen" clearly distinguishable.

KIMBINH T. NGUYEN
PRIMARY EXAMINER